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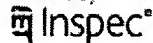
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Jaganathan, R.G.; Underwood, K.D.; Sass, R.; . . .  
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Hua Liu; Parashar, M.;  
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Digital Object Identifier 10.1109/TSMCC.2006.871577  
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Rababaah, Haroun; Shirkhodaie, Amir;  
System of Systems Engineering, 2007. SoSE '07. IEEE International Conference  
16-18 April 2007 Page(s):1 - 6  
Digital Object Identifier 10.1109/SYSOSE.2007.4304241  
[AbstractPlus](#) | Full Text: [PDF\(5883 KB\)](#) IEEE CNF  
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- ☐ 6. **Technology Validation: NMP ST8 Dependable Multiprocessor Project II**  
Samson, John; Gardner, Gary; Lupia, David; Patel, Minesh; Davis, Paul; Aggarwal, Kalbarczyk, Zbigniew; Some, Rafi;  
Aerospace Conference, 2007 IEEE  
3-10 March 2007 Page(s):1 - 18  
Digital Object Identifier 10.1109/AERO.2007.352784  
[AbstractPlus](#) | Full Text: [PDF\(1369 KB\)](#) IEEE CNF  
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- ☐ 7. **High Performance Dependable Multiprocessor II**  
Samson, John; Gardner, Gary; Lupia, David; Patel, Minesh; Davis, Paul; Aggarwal, Kalbarczyk, Zbigniew; Some, Rafi;  
Aerospace Conference, 2007 IEEE  
3-10 March 2007 Page(s):1 - 22  
Digital Object Identifier 10.1109/AERO.2007.353106  
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Bright, J.D.; Chandy, J.A.;  
Mass Storage Systems and Technologies, 2003. (MSST 2003). Proceedings. Goddard Conference on  
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S7 18 86 S S6 NOT S5
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